

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other <u>Injector</u>										5. Lease Serial No. <u>LC-050429B</u>	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____										6. If Indian, Allottee or Tribe Name	
2. Name of Operator <u>EnerVest Operating, LLC</u>										7. Unit or CA Agreement Name and No.	
3. Address <u>1001 Fannin Street, Suite 800, Houston, Tx 77002-6707</u>						3a. Phone No. (include area code) <u>713.495.1514</u>				8. Lease Name and Well No. <u>WLH GAS Unit #44</u>	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface <u>660' FSL and 660' FWL (Unit M)</u> At top prod. interval reported below At total depth										9. API Well No. <u>30-015-37027</u>	
RECEIVED JUL 30 2010 NMOC D ARTESIA										10. Field and Pool, or Exploratory <u>Loco Hills; Qu-GB-SA</u>	
										11. Sec., T., R., M., or Block and Survey or Area <u>Sec. 12, T18S-R29E</u>	
14. Date Spudded <u>12/04/09</u>						15. Date T.D. Reached <u>12/11/09</u>		16. Date Completed ☐ D & A ☐ Ready to Prod. <u>6/18/10</u>		12. County or Parish <u>Eddy County</u>	
18. Total Depth: MD TVD <u>2825</u>						19. Plug Back T.D.: MD TVD <u>2784</u>		20. Depth Bridge Plug Set: MD TVD		13. State <u>NM</u>	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <u>GR/CCL/CBL</u>										17. Elevations (DF, RKB, RT, GL)* <u>3498' GL, 13', RKB</u>	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☒ No ☐ Yes (Submit copy)											
23. Casing and Liner Record (Report all strings set in well)											
Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
12-1/4	8-5/8	24	Surf	386		425 sxs		Surf			
	J-55										
7-7/8	4-1/2	10.5	Surf	2824		575 sxs		Surf			
	J-55										
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2-3/8	2631	2626									
25. Producing Intervals						26. Perforation Record					
Formation			Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A)					2678-2692		0.5	90	Open		
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval			Amount and Type of Material								
2678-2692			Acidize w/5000 gal 15% NEEF-HCL, Frac using 30000# 16/30 Brady								
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
			→								
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
			→								
28a. Production-Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
			→								
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
			→								

HALLIBURTON

SPECTRAL DENSITY
DUAL SPACED NEUTRON
COMP. SPECTRAL GAMMA

COMPANY ENERVEST OPERATING, LTD. WELL WLH G4S UNIT No.44 FIELD LOCO HILLS; QU-GB-SA COUNTY EDDY STATE NEW MEXICO	COMPANY		ENERVEST OPERATING, LTD.				
	WELL		WLH G4S UNIT No.44				
	FIELD		LOCO HILLS; QU-GB-SA				
	COUNTY		EDDY				
	STATE		NEW MEXICO				
API No.		30-015-37027		Other Services: DLT MGCD			
Location		660' FSL & 660' FWL					
Sect.		12	Twp.	18S	Rge.	29E	
Permanent Datum		GL		Elev. 3497.6 ft		Elev. K.B.	3509.6 ft
Log measured from		KB		12.0 ft above perm. Datum		D.F.	3508.6 ft
Drilling measured from		KB				G.L.	3497.6 ft
Date		11-Dec-09					
Run No.		ONE					
Depth - Driller		2835.00 ft					
Depth - Logger		2837.0 ft					
Bottom - Logged Interval		2782.0 ft					
Top - Logged Interval		190.0 ft					
Casing - Driller		8.625 in		@	430.0 ft	@	@
Casing - Logger		385.0 ft					
Bit Size		7.875 in		@		@	@
Type Fluid in Hole		BRINE					
Density	Viscosity	10.4 ppg	29.00 s/qt				
PH	Fluid Loss	8.00 pH					
Source of Sample		FLOWLINE					
Rm @ Meas. Temperature		0.04 ohmm	@	80.00 degF	@	@	@
Rmf @ Meas. Temperature		0.04 ohmm	@	80.00 degF	@	@	@
Rmc @ Meas. Temperature			@		@	@	@
Source Rmf	Rmc	CHART	N/A				
Rm @ BHT		0.03 ohmm	@	96.0 degF	@	@	@
Time Since Circulation		9.0 hr					
Time on Bottom		11-Dec-09 00:19					
Max. Rec. Temperature		96.0 degF	@	2837.0 ft	@	@	@
Equipment	Location	700	HOBBS, NM				
Recorded By		REX COOK					
Witnessed By		MIKE BRENNER					